

IN THE CLAIMS:

1 1. (Currently Amended) A digital broadcast receiving device that receives a
2 broadcast wave including interactive data to achieve pseudo-interactive communications, the
3 interactive data being repeatedly ~~broadcasted~~ broadcast, the digital broadcast receiving device
4 comprising:

5 a receiving means unit for receiving the broadcast wave;

6 a judging means unit for judging a state that is established during the reception of
7 the broadcast wave based on first information, the state being one of a preview state, a prohibited
8 state, and a permitted state,

9 wherein the first information shows conditions for using the received broadcast
10 wave under a subscription contract,

11 wherein in the preview state, the received broadcast wave ~~[[is]]~~ may be permitted
12 to be used regardless of the subscription contract being made, and

13 wherein in the prohibited state, the broadcast wave is prohibited from being used
14 because the subscription contract is not made; and

15 a restricting means unit for restricting use of the interactive data when ~~either~~ the
16 preview state ~~or the prohibited state~~ is judged as ~~being~~ established, regardless of a subscription
17 contract being made, or the prohibited state being judged as established.

1 2. (Currently Amended) The digital broadcast receiving device of Claim 1,

2 wherein the broadcast wave also includes second information which shows
3 conditions for using the broadcast wave,

4 wherein the first information is recorded on a recording medium,

5 wherein the judging ~~means~~ unit further includes[[:]]

6 an obtaining means subunit for obtaining the first information from the recording
7 medium;

8 a contract judging means subunit for judging whether the first information and the
9 second information are the same, determining that the subscription contract is made on judging
10 that the first and second information are the same, and determining that the subscription contract
11 is not made on judging that the first and second information are not the same; and

12 a preview state judging means subunit for (a) judging whether a predetermined
13 period has passed since a start of the reception of the broadcast wave if the contract judging
14 means determines that the subscription contract is made, (b) determining that the preview state is
15 established during the reception on judging that the predetermined period has not passed, and (c)
16 determining that the prohibited state is established during the reception on judging that the
17 predetermined period has already passed.

1 3. (Currently Amended) The digital broadcast receiving device of Claim 2,

2 wherein the interactive data contains a plurality of sets of presentation data and a
3 plurality of pieces of link information ~~which associates~~,

4 each set of the ~~plurality of sets of~~ presentation data is associated with a piece of
5 the link [[:to a]] information, and

6 each piece of the link information indicates a link to another set of the
7 presentation data that is different from the set of the presentation data associated with the piece
8 of the link information,

wherein one of the plurality of sets of presentation data is currently ~~presented~~
displayed,

wherein the restricting ~~means~~ unit further includes[[:]]

a user input receiving ~~means~~ subunit for receiving a user operation relating to the
~~presented~~ displayed set of presentation data;

a link ~~means~~ subunit for (a) specifying, based on the received user operation, a set
of presentation data that is a link destination of a link associated by the link information with the
~~presented~~ displayed set of presentation data if either the preview state or the prohibited state is
judged as being established, (b) judging whether the specified set of presentation data and the
~~presented~~ displayed set of presentation data are included in a same group, (c) obtaining the
specified set of presentation data on judging that the specified set of presentation data and the
~~presented~~ displayed set of presentation data are included in the same group, and (d) restricting
use of interactive data relating to the received user operation on judging that the specified set of
presentation data and the ~~presented~~ displayed set of presentation data are not included in the
same group; and

a presenting ~~means~~ subunit for presenting the obtained set of presentation data.

4. (Currently Amended) The digital broadcast receiving device of Claim 3,

wherein the broadcast wave ~~is composed of~~ includes a plurality of components,
and ~~at least two components~~ one component out of the plurality of components ~~each include a~~
includes sets of presentation data, and another component out of the plurality of components
includes other sets of presentation data, and that are different from the sets of presentation data
included in the one component, and

7 wherein the link ~~means~~ unit judges that the specified set of presentation data and
8 the ~~presented~~ displayed set of presentation data are included in the same group if the specified set
9 of presentation data and the ~~presented~~ displayed set of presentation data are included in a same
10 component.

1 5. (Currently Amended) The digital broadcast receiving device of Claim 3,
2 wherein the broadcast wave ~~is composed of~~ includes a plurality of components,
3 and at least two components out of the plurality of components each include a plurality of sets of
4 reception data, each set of reception data containing a plurality of sets of presentation data, and
5 wherein the link ~~means~~ unit judges that the specified set of presentation data and
6 the ~~presented~~ displayed set of presentation data are included in the same group if the specified set
7 of presentation data and the ~~presented~~ displayed set of presentation data are included in a same
8 set of reception data.

1 6. (Currently Amended) The digital broadcast receiving device of Claim 3,
2 wherein the broadcast wave ~~is composed of~~ includes a plurality of components,
3 and ~~at least two components~~ one component out of the plurality of components ~~each include a~~
4 ~~plurality of~~ includes sets of reception data, and another component out of the plurality of
5 components includes other sets of reception data that are different from the sets of reception data
6 included in the one component, and each set of reception data containing a plurality of sets of
7 presentation data,
8 wherein the link ~~means~~ unit judges that the specified set of presentation data and
9 the ~~presented~~ displayed set of presentation data are included in the same group if the specified set
10 of presentation data is same as the ~~presented~~ displayed set of presentation data.

1 7. (Currently Amended) The digital broadcast receiving device of Claim 2,

2 wherein the interactive data contains (a) a plurality of sets of presentation data, (b)
3 a plurality of pieces of link information which associates each of the plurality of sets of
4 ~~presentation data with a link to a set of presentation data~~, and (c) a script that,

5 each set of the presentation data is associated with a piece of the link information,
6 each piece of the link information indicates a link to another set of presentation
7 data that is different from the set of presentation data associated with the piece of link
8 information, and

9 the script contains a procedure to restrict use of the interactive data,
10 wherein the restricting ~~means~~ unit restricts ~~[[the]]~~ use of the interactive data by
11 analyzing and executing the script.

1 8. (Currently Amended) The digital broadcast receiving device of Claim 7,

2 wherein the script also contains a first description that describes a prohibition of a
3 link operation designated by a user, the prohibition being made if either the preview state or the
4 prohibited state is judged as being established, and a second description that describes a
5 permission to perform the designated link operation if the permitted state is judged as being
6 established,

7 wherein one of the plurality of sets of presentation data is currently ~~presented~~
8 displayed,

9 wherein the restricting ~~means~~ unit further includes~~[[:]]~~

10 a user operation receiving ~~means~~ subunit for receiving a user operation that
11 designates the link operation;

12 a script executing means subunit for (a) analyzing the script, (b) restricting the
13 designated link operation on recognizing the first description in the script if either the preview
14 state or the prohibited state is judged as being established, and (c) obtaining a set of presentation
15 data which is a link destination of the designated link operation on recognizing the second
16 description if the permitted state is judged as being established; and

17 a presenting means subunit for presenting the obtained set of presentation data.

1 9. (Currently Amended) The digital broadcast receiving device of Claim 8,
2 wherein the second description also describes a presentation of a message relating
3 to the prohibition of the link operation and
4 wherein on recognizing the message in the script, the script executing means unit
5 presents the message.

1 10. (Currently Amended) The digital broadcast receiving device of Claim 2,
2 wherein the interactive data contains (a) a plurality of sets of presentation data, (b)
3 a plurality of pieces of link information which associates each of the plurality of sets of
4 presentation data with a link to a set of presentation data, and (c) a viewing enabled signal
5 indicating,
6 each set of the presentation data is associated with a piece of the link information,
7 each piece of the link information indicates a link to another set of the
8 presentation data that is different from the set of the presentation data associated with the piece
9 of the link information, and
10 the viewing enabled signal indicates either a viewing permission or a preview
11 permission,

wherein one of the plurality of sets of presentation data is currently ~~presented~~
displayed,

wherein the restricting ~~means~~ unit further includes[[:]]

a user operation receiving ~~means~~ subunit for receiving a user operation that
designates a link operation;

a link ~~means~~ subunit for obtaining a set of presentation data which is a link
destination of the designated link operation if either a first condition or a second condition is
fulfilled, and for restricting use of interactive data relating to the received user operation if
neither the first condition nor the second condition is fulfilled,

wherein in the first condition, the viewing enabled signal indicates the preview
permission, and the preview state is judged as being established, and

wherein in the second condition, the viewing enabled signal indicates the viewing
permission, and the permitted state is judged as being established; and

a presenting ~~means~~ subunit for presenting the obtained set of presentation data.

11. (Currently Amended) The digital broadcast receiving device of Claim 2,
wherein the interactive data contains [(a)] a plurality of sets of presentation
data[,] and [(b)] a plurality of pieces of link information ~~which associates~~,
each set of the ~~plurality of sets of~~ presentation data is associated with a piece of
the link [(to a)] information, and
each piece of the link information indicates a link to another set of the
presentation data that is different from the set of the presentation data associated with the piece
of the link information,

9 wherein one of the plurality of sets of presentation data is currently ~~presented~~
10 displayed,
11 wherein the restricting ~~means~~ unit further includes[[:]]
12 a user operation receiving ~~means~~ subunit for receiving a user operation;
13 a counting ~~means~~ subunit for counting a number of user operations that have been
14 received;
15 a link ~~means~~ subunit for restricting use of interactive data relating to the received
16 user operation when the counted number reaches a predetermined number and either the preview
17 state or the prohibited state is judged as being established.

1 12. (Currently Amended) The digital broadcast receiving device of Claim 2,
2 wherein the interactive data contains [[(a)]] a plurality of sets of presentation
3 data[[,]] and [[(b)]] a plurality of pieces of link information ~~which associates~~,
4 each set of the ~~plurality of sets of~~ presentation data is associated with a piece of
5 the link [[to a]] information, and
6 each piece of the link information indicates a link to another set of the
7 presentation data that is different from the set of the presentation data associated with the piece
8 of the link information,
9 wherein one of the plurality of sets of presentation data is currently ~~presented~~
10 displayed,
11 wherein the restricting ~~means~~ unit further includes[[:]]
12 a user operation receiving ~~means~~ subunit for receiving a user operation that
13 designates a link operation;

14 a link means subunit for restricting use of interactive data relating to the received
15 user operation if either the preview state or the prohibited state is judged as being established,
16 and for obtaining a set of presentation data which is a link destination of the designated link
17 operation if the permitted state is judged as being established; and

18 a presenting means subunit for presenting the obtained set of presentation data.

1 13. (Currently Amended) The digital broadcast receiving device of Claim 12,
2 wherein the link ~~means~~ subunit also places a restriction on obtainment of the set
3 of presentation data that is the link destination if either the preview state or the prohibited state is
4 judged as being established.

1 14. (Currently Amended) A digital broadcast system, comprising:
2 a digital broadcast sending device that broadcasts a ~~broadcast~~ wave containing
3 interactive data, the interactive data being repeatedly ~~broadcasted~~ broadcast; and
4 a digital broadcast receiving device that receives the broadcast wave to achieve
5 pseudo-interactive communications, the interactive data being repeatedly ~~broadcasted~~ received,
6 wherein the digital broadcast receiving device includes:
7 a receiving means unit for receiving the broadcast wave;
8 a judging means unit for judging a state that is established during the reception of
9 the broadcast wave based on first information, the state being one of a preview state, a prohibited
10 state, and a permitted state,
11 wherein the first information shows conditions for using the received broadcast
12 wave under a subscription contract,

13 wherein in the preview state, the received broadcast wave ~~[[is]]~~ may be permitted
14 to be used regardless of the subscription contract being made, and

15 wherein in the prohibited state, the broadcast wave is prohibited from being used
16 because the subscription contract is not made; and

17 a restricting means unit for restricting use of the interactive data when ~~either the~~
18 preview state ~~or the prohibited state~~ is judged as being established, regardless of a subscription
19 contract being made, or the prohibited state being judged as established.

1 15. (Currently Amended) A receiving method used by a digital broadcast receiving
2 device, which receives a broadcast wave including interactive data to achieve pseudo-interactive
3 communications, the interactive data being repeatedly ~~broadcasted~~ broadcast, the receiving
4 method including:

5 ~~a receiving step for~~ receiving the broadcast wave; and
6 ~~a judging step for~~ judging a state that is established during the reception of the
7 broadcast wave based on first information, the state being one of a preview state, a prohibited
8 state, and a permitted state,

9 wherein the first information shows conditions for using the received broadcast
10 wave under a subscription contract,

11 wherein in the preview state, the received broadcast wave ~~[[is]]~~ may be permitted
12 to be used regardless of the subscription contract being made, and

13 wherein in the prohibited state, the broadcast wave is prohibited from being used
14 because the subscription contract is not made; and

15 ~~a restricting step for~~ restricting use of the interactive data when ~~either~~ the preview
16 state ~~or the prohibited state~~ is judged as being established, regardless of a subscription contract
17 being made, or the prohibited state being judged as established.

1 16. (Currently Amended) A computer-readable recording medium storing a program
2 used by a digital broadcast receiving device, which receives a broadcast wave including
3 interactive data to achieve pseudo-interactive communications, the interactive data being
4 repeatedly broadcasted, the program including:

5 a receiving step ~~[[for]]~~ of receiving the broadcast wave;

6 a judging step ~~[[for]]~~ of judging a state that is established during the reception of
7 the broadcast wave based on first information, the state being one of a preview state, a prohibited
8 state, and a permitted state,

9 wherein the first information shows conditions for using the received broadcast
10 wave under a subscription contract,

11 wherein in the preview state, the received broadcast wave is permitted to be used
12 regardless of the subscription contract being made, and

13 wherein in the prohibited state, the broadcast wave is prohibited from being used
14 because the subscription contract is not made; and

15 a restricting step ~~[[for]]~~ of restricting use of the interactive data when ~~either~~ the
16 preview state ~~or the prohibited state~~ is judged as being established, regardless of a subscription
17 contract being made, or the prohibited state being judged as established.